In re Application of Manni et al. Filed May 29, 2001
For: GENERIC USER CONTROL POINT TOOL FOR
UNIVERSAL PLUG AND PLAY (UPnP) DEVICES

Sheet 1 of 4

FIG. 1

In re Application of Manni et al. Filed May 29, 2001
For: GENERIC USER CONTROL POINT TOOL FOR
UNIVERSAL PLUG AND PLAY (UPnP) DEVICES

Sheet 2 of 4

200

Generic UCP

Comments ☒

Generic UCP

⎯ 204
⎯ 206

202 ⎯

○ Find by Type   ○ Find by UDN   ◉ Async Find

All Root Devices ▾

208 ⎯

⎯ 210

Start Discovery ⎯ 212

Status   Device discovery. Choose the type of device discovery and proceed ⎯ 252

Devices Found

⎯ 216

214 ⎯   ▾

218 ⎯   Device Properties   View Presentation ⎯ 254

Choose Service

224 ⎯   ▾   ⎯ 226

Service Desc. URL   ⎯ 228

230 ⎯   Query Variable :   ▾   ⎯ 232

234 ⎯   Invoke Action :   ▾   ⎯ 236

238 ⎯   Action Arguments :

240 ⎯   Query State Value /
Action Out Arguments

242 ⎯   View Service
Desc.   Query   Invoke   Close ⎯ 248

Events   ⎯ 250

244   246

FIG. 2

In re Application of Manni et al. Filed May 29, 2001
For: GENERIC USER CONTROL POINT TOOL FOR
UNIVERSAL PLUG AND PLAY (UPnP) DEVICES

Sheet 3 of 4

220

Device Properties	Comment:?

Device Properties

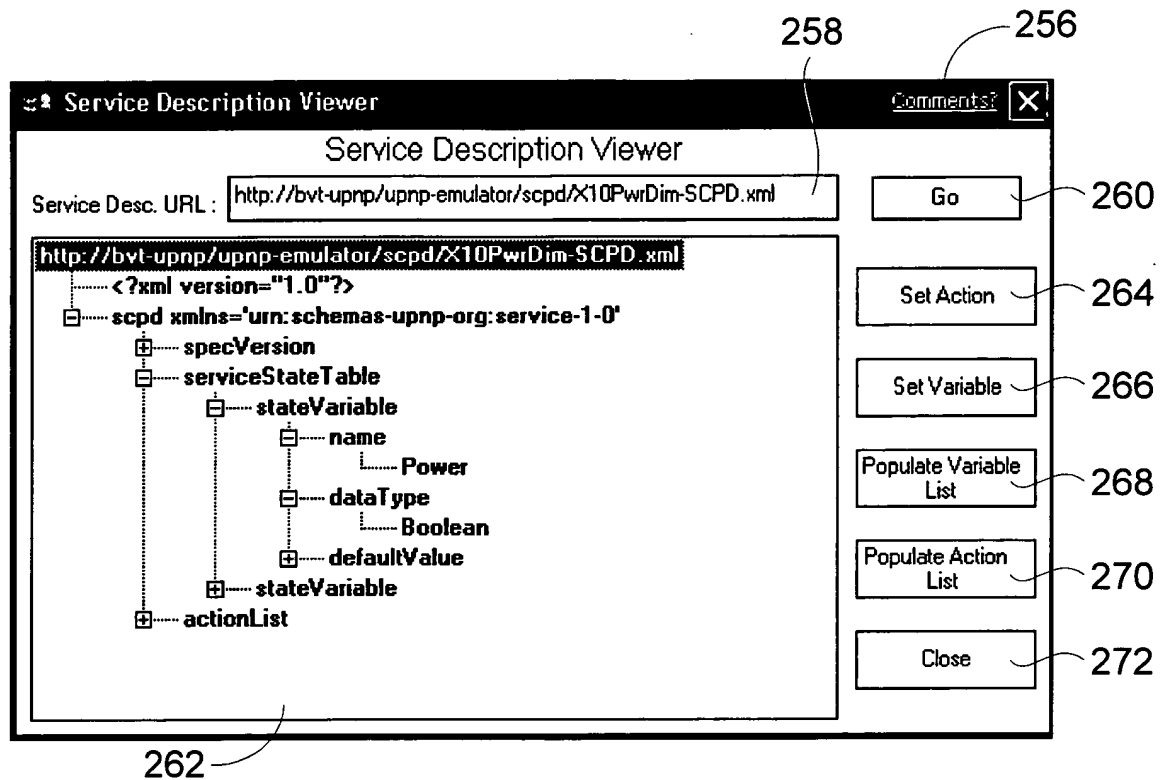|	
UDN :	uuid:{4B20183E-9E34-4144-B130-BCDAC4C31AA4}
friendlyName :	UPNP Device Finder BVT Light/Dimmer control
deviceType :	urn:schemas-upnp-org:device.lighting.1
presentationURL :	http://bvt-upnp/upnp-emulator/presentation/X10Light.html
manufacturer :	Microsoft
manufacturerURL :	http://www.microsoft.com/
modelName :	X-10L1
modelNumber :	L1
modelDescription :	UPnP-X10 Light and Dimmer control
modelURL :	http://www.microsoft.com/
UPC :	00000-00001
serialNumber :	0000001

Ok

222

FIG. 3

In re Application of Manni et al. Filed May 29, 2001
For: GENERIC USER CONTROL POINT TOOL FOR
UNIVERSAL PLUG AND PLAY (UPnP) DEVICES

Sheet 4 of 4

258   256

⚏ Service Description Viewer	Comments? ☒

Service Description Viewer

Service Desc. URL : `http://bvt-upnp/upnp-emulator/scpd/X10PwrDim-SCPD.xml` | Go | 260

```
http://bvt-upnp/upnp-emulator/scpd/X10PwrDim-SCPD.xml
    <?xml version="1.0"?>
⊟ scpd xmlns='urn:schemas-upnp-org:service-1-0'
    ⊞ specVersion
    ⊟ serviceStateTable
        ⊟ stateVariable
            ⊟ name
                Power
            ⊟ dataType
                Boolean
            ⊞ defaultValue
        ⊞ stateVariable
    ⊞ actionList
```

Set Action	264
Set Variable	266
Populate Variable List	268
Populate Action List	270
Close	272

262

FIG. 4